



Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Docket Number Optional  
03768/09323 (14586)

Application Number  
09/745,499

Applicant  
Anderson, et al

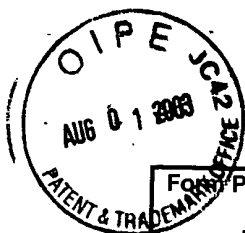
Filing Date  
12/20/00

Examiner  
Unknown

Group Art Unit  
Unknown

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Translation	
						YES	NO
	DE 2625176 B2	12/08/77	Bayer	C11D	17/04		
	DE 2838523 A1	03/20/80	gleich Anmelda	A47K	3/00		
	EP 0080382 A2	06/01/83	Minto, et al	D04H	1/56		
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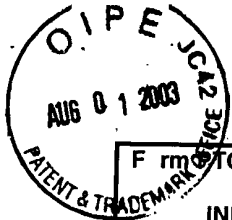
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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	International Search Report dated 04/23/01 for International Application No. PCT/US00/34932.
	International Search Report dated 04/18/01 for International Application No. PCT/US00/34930.
	Dialog Abstract 00423532/7 © 1998 of Japanese Patent JP 8205762A published 08/13/96 entitled Antimicrobial functional sheet for preserving animal protein.
	Dialog Abstract 008079373/7 © 1998 of Japanese Patent JP 1257124A published 10/13/89 entitled Antibiotic aluminosilicate - obtd. by ion exchange of ions in aluminosilicate to alkaline earth or manganese ions.
	Dialog Abstract 009133362 © 1999 of EP 497350A1 published 08/05/92 entitled Crystal growth on nitride semiconductor having nitride buffer layer for improved crystallinity of semiconductor growth giving improved electrical performance.
	Dialog Abstract 011141997 © 1999 of CN 1080833A published 01/19/94 entitled Wet toilet paper and preparing method thereof.
	Dialog Abstract 008146353 © 1999 of Japanese Patent JP 1311008A published 12/15/89 entitled Antibiotic and antifungal compsn. - comprises zeolite contg. antibiotic metal ion and resin e.g. acryl for processing.
	Dialog Abstract 01824797/7 © 1998 of US 4,882,167 published 11/21/89 entitled Dry direct compression compositions for controlled release dosage forms [matrix of hydrophobic carbohydrate polymer, digestive difficulty soluble wax, fatty acid or neutral lipid.]
	Dialog Abstract 004062594 © 1999 of DE 3305265A published 8/16/84 entitled Hygienic toilet seat cover for one-time use - comprises piece of crepe toilet paper cut to shape of seat and provided with self-adhesive strips for attachment to seat.
	WPI Acc No. 97-200913/199718 Abstract of US Patent 5118509A entitled Inducing skin tolerance to sensitising drug - by continuously and co-extensively administering drug with corticosteroid, preferably hydrocortisone, to selected site.
	Dialog Abstract 002274528 © 1999 of DE 2813421A published 10/4/79 entitled Perforated multiple crepe paper and tissue mat assembly - sprayed with antimycotic disinfectant and supported on abrasion-resistant backing.
	Dialog Abstract 05750225/9 © 1999 entitled New Antimicrobial Agent to be Included in stainless steel products.
	Dialog Abstract 00365165/7 © 1998 of Japanese Patent JP 7123963A published 5/16/95 entitled Antimicrobial water absorbing sheet.
	Dialog Abstract 00162494/7 © 1998 of West German Patent EP 206285 published 6/27/85 entitled Filter cartridge for upgrading drinking water quality.
	Dialog Abstract 008153158/7 © 1998 of Japanese Patent JP 1316303A published 12/21/89 entitled Hydrous antimicrobial agent - comprises inorganic carrier contg. antimicrobial agent and nonwoven fabric of e.g. polyester resin layer.
	Abstract 009382194 of US Patent 5186927A published 2/16/93 entitled Antimicrobial compsn. for oral hygiene - comprises particles having an outer surface onto which antimicrobial agent has been adsorbed.
	Derwent Abstract 010600920 © 1999 of Patent AU 9514811A published 1/25/96 entitled Antimicrobial laminate for bags for foodstuffs for gradual release - comprises substrate impervious to steam and pervious firm superposed through adhesive layer contg. polyallyl isothiocyanate cyclodextrin cpd.
	Abstract 009382274 of US Patent 5187158A published 2/16/93 entitled New O-dihydropyridylcarbonyl prodrug derivs. of ribovarin-used for site specific and sustained delivery of antiviral agent to the brain, and is retained in the brain after oxidn. to quat. pyridinium form.
✓	Abstract 009230315 of CA Patent 1307738C published 9/22/92 entitled Liposome(s) having out bilayer with asymmetric distribution - comprise ionisable lipid or ionisable protein, useful as a drug delivery systems.



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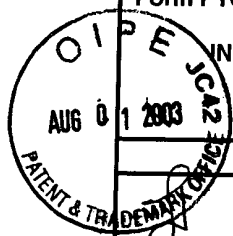
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Unknown

Group Art Unit  
Unknown

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

2	Abstract 008636625 of CA Patent 2020966A published 1/13/91 entitled Biocompatible film-forming topical delivery system - comprises active salt of carboxylic acid-functional polymer with therapeutic agent.
	Dialog Abstract 010620478 © 1999 of CA 2134498A published 11/26/95 entitled Cove base for building wall - has elongate flat plate containing antimicrobial agent released over time.
	Abstract 003667575 of DE 3134152A published 3/17/83 entitled Antimicrobial carrier esp. for delivery to bone - is metal or plastics coil opt. with polymer coating.
	Abstract 004653629 of EP 184629 A published 6/18/86 entitled Microbicidal tub for urine drainage bag - passively releases antimicrobial on emptying to prevent infection.
	Dialog Abstract 009588282 © 1999 of EP 558913 A1 published 9/9/93 entitled Two component minocycline controlled release delivery system - comprises initial loading of rapid release granules and sec. loading of blended polymer coated spherical granules.
	Dialog Abstract 011058050 © 1999 of EP 748634 A2 published 12/18/96 entitled Surgical implant, esp. for use as vascular prosthesis - produced from or comprising resorbable material contg. antimicrobial agent, esp. gentamycin crobefate.
	Abstract 004440566 © 1999 of JP 60181029 A published 9/14/85 entitled Sustained release drug. prepn. - involves mixing a e.g. peptide, protein, antimicrobial or antitumor drug with lactic acid (co) polymer.
	Abstract 008370474 © 1999 of JP 2180694 A published 7/13/90 entitled Contamination preventing system for sterile water producing system - includes container contg. gradual release alkali cpd. and having discharge opening dia. preventing contamination.
	Abstract 009176092 © 1999 of JP 4208205A published 7/29/92 entitled Sustained release antimicrobial allyl isothiocyanate compsn. - prepd. by dissolving allyl isothiocyanate in glycerine ester or high alcohol ester.
	Abstract 010615628 © 1999 of JP 8012511A published 1/16/96 entitled Prodn. of sustained-release antimicrobial agent used to maintain freshness of e.g. processed food - comprises dissolving volatile antimicrobial component in organic solvent, adding starch and removing solvent.
	Abstract 010853168 of JP 8165210 A published 6/25/96 entitled Prodn. of antimicrobial agents - involves radically polymerising poly(meth)acrylic acid ester cpds. in organic solvent contg. aq. soln. of silver, copper or zinc ions.
	Abstract of 010853169 of JP 8165211A published 06/25/96 entitled Prodn. of antimicrobial agents - copolymerising polyacrylic or polymethacrylic acid ester cpds. and silver, copper or zinc (meth) acrylic acid salts, inorganic solvent.
	Dialog Abstract 011029508 of JP 8277204A published 10/22/96 entitled Sustained release microorganism control prepn - prepd by coating liq drop contg microorganism control agent with hydrophobic until microparticle silicon oxide powder.
	Abstract 011665622 of JP 9315927A published 12/09/97 entitled Antimicrobial cosmetic - comprises water containing components released from copper or copper alloy at effective doses which give antimicrobial activity.
	Abstract 011393337 of Russian Patent RU 2071323C1 published 01/10/97 entitled Antiviral sustained release preparation for treating acute respiratory diseases and herpes - contg. salt based on adamantyl-methylamine cpd. and copolymer derived from vinyl alcohol and N-vinylamido-succinic acid.
	Abstract 007135943 of WO 8702576A published 05/07/87 entitled Vaginal delivery systems - consist of viscous emulsion with (non)lipoidal phases, which adheres to vaginal wall.
	Abstract 007673497 of WO 8807853A published 10/20/88 entitled Liposomal vesicles for sustained intraperitoneal delivery - comprise therapeutic agent encapsulated in phosphatidyl choline-contg. lipid vesicle.



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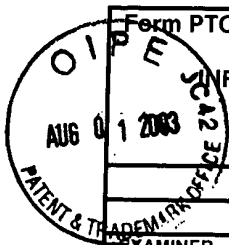
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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	Abstract 009122425 of WO 9211042 A1 published 07/09/92 entitled Compsns, for disinfecting contact lenses-comprising aq. hydrogen peroxide, and a hydrogen peroxide-reducing agent to enhance antimicrobial activity, from peroxidase.
	Abstract 009342695 of WO 93100115 A1 published 01/07/93 entitled Adhesive patch for controlled release of vapours to surroundings - useful for therapeutic agents, insecticides, insect repellants, perfumes, etc.
	Abstract 009382714 of WO 9302717 A1 published 02/18/93 entitled Adhesive prod. used as surgical or medical dressing - comprises emulsion adhesive contg. medicament, coated on support, giving good antimicrobial activity.
	Dialog Abstract 009440678 of WO 9306921 A1 published 04/15/93 entitled Particles with internal lyotropic liq. crystalline and lamellar surface phases-form stable dispersions useful for e.g. sustained drug delivery, antigen presentation, nucleic acid transport etc.
	Dialog Abstract 010298861 of WO 9513704 A1 published 05/26/95 entitled Material for sustained release of antimicrobial metal, esp. silver - has atomic disorder so that ions etc., are released into electrolytes at increased rate, useful e.g. for coating medical devices.
	Dialog Abstract 010426917 of WO 9524430 A2 published 09/14/95 entitled New block and graft copolymers - comprising pH-sensitive and temp. sensitive polymer components, useful for drug delivery for sustained and controlled release.
	Abstract Document No. 5595750 published 01/21/97 entitled Antimicrobial particles of silver and barium sulfate or zinc oxide.
	Abstract Document No. 5869073 published 02/09/99 entitled Antimicrobial liquid compositions and methods for using them.
	Dialog Abstract 010936562 © 1999 of WO 9628141A1 published 09/19/96 entitled Muco-adhesive granules contg carbomer and inert filler - for sustained release of pharmaceutical in gastro-intestinal tract.
	Dialog Abstract 011905997 © 1999 of WO 9824007A published 06/04/98 entitled Single line automated fluid delivering method for dental unit water line treatment - involves locking out operating control of consumable water or aqueous solution delivery device to prevent operation of device during antimicrobial flushing.
	Dialog Abstract 008128186 © 1999 of ZA 8809601A published 10/25/89 entitled Implants contg. antimicrobial agent for slow release in animals.
	Dialog Abstract 02495825/9 © 1999 entitled AK Steel signs pact for healthier coating.
	Publication by Wipex entitled Disinfectant Wipes with Indicator Stripes.
	Article published in Letters in Applied Microbiology 1993, Vol. 16 pages 173-177 entitled An in-use study of the relationship between bacterial contamination of food preparation surfaces and cleaning cloths.
	Article published in Journal of Applied Bacteriology 1990, Vol 68, page 271-278 entitled The survival and transfer of microbial contamination via cloths, hands and utensils.
	Article published in J Antibact. Antifungi Agents, Vol. 22, No. 9, page 531-536, 1994. entitled Antimicrobial Activities of Silver and Copper Ions.
	Article published by BF Goodrich in <a href="http://www.bfsolutions.com">http://www.bfsolutions.com</a> entitled Hycar Reactive Liquid Polymers - The Key To Building Superior Products.
	Article published by Sybron Chemicals, Inc. of Birmingham, NJ entitled XAMA-7 and Ionac Polyfunctional Aziridine
	Article adapted from Standard Methods for the Examination of Water and Wasterwater (method 8167).
	Article published in Springer-Verlag Berlin Heidelberg New York 1980 by Erich Lueck entitled Antimicrobial Food Additives - Characteristics - Uses - Effects.
	Abstract of Article published in Hy-LiTE Data Logger Operators Manual by EM Science.



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		Examiner Unknown	Group Art Unit Unknown
		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER	Abstract of Article published in Hy-LiTE by EM Science, entitled Hygiene Monitoring in Place.		
EXAMINER <i>J. Ukut</i>		DATE CONSIDERED <i>8/26/03</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			